

From: [Blend, Jeff](#)
To: [LaVigne, Paul](#); [Tina Laidlaw/MO/R8/USEPA/US@EPA](#)
Subject: RE: > 1 MGD
Date: 10/05/2011 01:59 PM

East Helena and Conrad are listed at AL in the WWTP list from 2008. Libby is not included in our 107 towns, perhaps because it discharges into a large river? I really cannot keep changing these numbers if I want to get this out by next week. Tell me if East Helena and Conrad really are mechanical plants and I will go with that. I will probably just leave Libby out.

Jeff Blend
(406) 841-5233
jblend@mt.gov

Economist and Energy Analyst
Energy and Pollution Prevention Bureau
Montana Dept. of Environmental Quality
1100 N. Last Chance Gulch
P.O. Box 200901
Helena, MT 59620-0901

-----Original Message-----

From: LaVigne, Paul
Sent: Wednesday, October 05, 2011 1:55 PM
To: Blend, Jeff; Laidlaw.Tina@epamail.epa.gov
Subject: RE: > 1 MGD

OK, now that we have disturbed the Incredible Blend, here is what I came up with for the 6 mechanical facilities less than 1 MGD that were not included in the S & W demo:

Chinook Oxidation Ditch	0.5
Libby Oxidation Ditch	0.51
Forsyth Oxidation Ditch	0.54
E. Helena Biolac	0.64
Conrad Biolac	0.65
Laurel RBC	0.88

The RBC is a fixed film system similar to that of Manhattan - maybe a step down from a conventional activated sludge system. The Biolac and oxidation ditch are versions of conventional activated sludge, which is your basic secondary mechanical system like Great Falls, Billings, etc. All are capable of really just incidental nutrient removal in their current forms (WERF level 1).
Paul

-----Original Message-----

From: Blend, Jeff
Sent: Wednesday, October 05, 2011 1:41 PM
To: LaVigne, Paul; Laidlaw.Tina@epamail.epa.gov
Subject: RE: > 1 MGD

It is too late. My peace has been destroyed.

"You wouldn't like me when I am angry" The Incredible Hulk

Jeff Blend
(406) 841-5233
jblend@mt.gov

Economist and Energy Analyst
Energy and Pollution Prevention Bureau
Montana Dept. of Environmental Quality
1100 N. Last Chance Gulch
P.O. Box 200901
Helena, MT 59620-0901

-----Original Message-----

From: LaVigne, Paul
Sent: Wednesday, October 05, 2011 1:37 PM
To: Laidlaw.Tina@epamail.epa.gov; Blend, Jeff
Subject: RE: > 1 MGD

Don't piss him off, Tina. He is at peace.

-----Original Message-----

From: Laidlaw.Tina@epamail.epa.gov [<mailto:Laidlaw.Tina@epamail.epa.gov>]
Sent: Wednesday, October 05, 2011 1:34 PM
To: Blend, Jeff
Cc: LaVigne, Paul
Subject: RE: > 1 MGD

but, the table says 2 weren't examined in the > 1 MGD category. so should the total be 106?

Tina Laidlaw
USEPA Montana Office
10 West 15th Street, Suite 3200
Helena, MT 59626
406-457-5016

From: "Blend, Jeff" <jblend@mt.gov>

0012975

To: Tina Laidlaw/MO/R8/USEPA/US@EPA, "LaVigne, Paul"
<plavigne@mt.gov>
Date: 10/05/2011 01:31 PM
Subject: RE: > 1 MGD

Okay, off the list then. We now have 107 WWTPs.

Jeff Blend
(406) 841-5233
jblend@mt.gov

Economist and Energy Analyst
Energy and Pollution Prevention Bureau
Montana Dept. of Environmental Quality
1100 N. Last Chance Gulch
P.O. Box 200901
Helena, MT 59620-0901

-----Original Message-----
From: Laidlaw.Tina@epamail.epa.gov [mailto:Laidlaw.Tina@epamail.epa.gov]
Sent: Wednesday, October 05, 2011 1:28 PM
To: LaVigne, Paul
Cc: Blend, Jeff
Subject: RE: > 1 MGD

I checked with Rosemary. it is an EPA permit. :)

Tina Laidlaw
USEPA Montana Office
10 West 15th Street, Suite 3200
Helena, MT 59626
406-457-5016

From: "LaVigne, Paul" <plavigne@mt.gov>
To: Tina Laidlaw/MO/R8/USEPA/US@EPA, "Blend, Jeff"
<jblend@mt.gov>
Date: 10/05/2011 01:07 PM
Subject: RE: > 1 MGD

Yes, Hardin is greater than 1 MGD, but NO, it is not an MPDES permit (I think). It is an EPA NPDES permit because it is on the reservation. I'll ask Jenny. I couldn't find any others.
P

-----Original Message-----
From: Laidlaw.Tina@epamail.epa.gov [mailto:Laidlaw.Tina@epamail.epa.gov]
Sent: Wednesday, October 05, 2011 11:39 AM
To: LaVigne, Paul
Cc: Blend, Jeff
Subject: Fw: > 1 MGD

Paul, Is Hardin the only one?

Tina Laidlaw
USEPA Montana Office
10 West 15th Street, Suite 3200
Helena, MT 59626
406-457-5016

----- Forwarded by Tina Laidlaw/MO/R8/USEPA/US on 10/05/2011 11:38 AM -----

From: "Blend, Jeff" <jblend@mt.gov>
To: Tina Laidlaw/MO/R8/USEPA/US@EPA
Cc: "LaVigne, Paul" <plavigne@mt.gov>
Date: 10/05/2011 11:31 AM
Subject: RE: > 1 MGD

Could you confirm that for me? That there is only one WWTP left in that category not looked at?

Jeff Blend
(406) 841-5233
jblend@mt.gov

Economist and Energy Analyst
Energy and Pollution Prevention Bureau
Montana Dept. of Environmental Quality
1100 N. Last Chance Gulch
P.O. Box 200901
Helena, MT 59620-0901

-----Original Message-----

From: Laidlaw.Tina@epamail.epa.gov [mailto:Laidlaw.Tina@epamail.epa.gov]

Sent: Wednesday, October 05, 2011 11:06 AM

To: Blend, Jeff

Cc: LaVigne, Paul

Subject: > 1 MGD

Jeff,

I asked Paul to give me a brief summary of the technologies used for the remaining plants > 1 MG and < 1 MGD. As he started looking at the list, he thought that all of the facilities > 1MGD were already covered in your analysis. Do you know what 2 facilities > 1MGD were not addressed? Where did you get these numbers? Any chance the numbers per category could be off?

Tina

Lagoons	Major	Advanced	Advanced	
	Discharger	Discharger	Discharger < 1	
	(Big 7	> 1 MGD	MGD	
	Towns)			

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All affected	7	7	10	84
Montana				
Dischargers				

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Percent of	6.5%	6.5%	9.3%	
77.8% total				
affected				
WWTPs				

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Subsample	7	5	4	8
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Tina Laidlaw
USEPA Montana Office
10 West 15th Street, Suite 3200
Helena, MT 59626
406-457-5016

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